MCA PRO™ Enterprise Software Q&A

1. What is MCA Basic™ and MCA PRO™ software?
    a. These software products are used to analyze individual motor test results and then perform long-term trending to be used as part of a Predictive Maintenance process. The actual test is done using the ALL-TEST PRO 7™ (AT7™), ALL-TEST PRO 7™ PROFESSIONAL (AT7P), or ALL-TEST PRO 34™ (AT34) Motor Circuit Analysis instrument and the results are uploaded, via a USB interface, to a computer running the MCA Basic or MCA PRO software (software depends upon instrument model).

2. What is the difference between MCA Basic and MCA PRO software and what does a single user license mean?
    a. MCA Basic software is used for testing single and three phase AC motors. MCA PRO software adds analysis for DC motors and transformers, AC motor rotor grading, testing routes, work order generation and is available in a network version, where multiple users can access a common database. NOTE: AT34 will only test three phase AC motors with squirrel-cage rotor <1000V. AT7 is only available with MCA Basic software. AT7P comes standard with MCA PRO.
    b. Both MCA PRO and MCA Basic are available in a single user license. The single user license of either software means the client (the actual application- user interface) and the database must reside on the same computer. The single user license database must reside on C: drive of the local computer and cannot be installed onto a remote server computer. However, the database can be backed up to a remote computer for security purposes.

3. What kind of database is supplied with a single user license of MCA Basic or MCA PRO software?
    a. H2.

4. How much files space is required for the database?
    a. The database files are small; therefore, a thousand test records with associated data might take a few MB. However, the MCA PRO software allows the user to store images along with the test data. There is no limit to the number of images that can be stored (but only 2 at a time can be shown in the report), therefore, how many images are stored (and file size of each) will be controlling factor about database size. As an example, assume you have 1000 motors in the database, and you have 1-image per motor and the image file size is 500KB. Therefore, the total file size will exceed 500MB. If you store more images or the files are larger the database will increase even more. If you decide not to save images, then the requirements are significantly less.

5. How does the Enterprise version work?
    a. The MCA PRO Enterprise client software can be installed onto as many client computers as needed, however, the number of concurrent users (number of people that can be accessing the shared database at the same time) is limited to the number of user licenses that was purchased. This is controlled by the software and is setup prior to sending the

software installation files to you. Therefore, if you purchase software with 10 user licenses you can install the software onto 100 client computers, but only 10 users can have access to the database concurrently. We support the following databases for MCA PRO Enterprise - MS SQL Server 2008, 2012, and 2016 or Oracle 11G & 12C. MCA PRO Enterprise SQL is the default version that will be delivered unless specified before purchase.

6. What if I already have a server-based database program?
   a. Many large companies already have a server-based database program that is used for other applications and the cost to purchase and maintain these can be substantial. Even though MySQL is a free option for a SQL database server, large companies might want to use their existing database instead of installing and maintaining a new database, such as a free version of MySQL database. Commonly used large-scale databases are sold and maintained by companies like Oracle and Microsoft. It is possible for us to work with other SQL databases by modifying the MCA PRO Enterprise Application Program Interface (API) to work with specifics for their existing database , so an extra charge may be assessed depending upon the time required to do the work.

7. Are there additional requirements for the SQL server due to the MCA PRO Enterprise software?
   a. No. We do not install software onto your server. The client software (MCA PRO) will communicate directly to the database from the local computer. Therefore, as part of the setup process (from the client side) you will establish a URL or IP connection to a Port number on the server side. We will also send you a SQL-script that is used to create the needed tables for the MCA PRO database and administrator user.

8. How do I get a firm price quotation for installation of the MCA PRO Enterprise software?
   a. A discussion between us and the IT (Information Technology) person responsible for implementing and maintaining the database at your plant needs to occur. When the requirements are fully understood by both parties then a firm quotation can be provided.

9. What if I already have either MCA Basic or MCA PRO software as a single user license and I want to upgrade to an Enterprise version? What happens to my existing database?
   a. Contact sales@alltestpro.com for a quote.

10. What are some of the advantages to MCA PRO Enterprise software?
    a. Lower software costs for those companies that have multiple instruments as the price per license is reduced based on number of licenses purchased.
    b. Engineering can remotely analyze and generate reports without access to each local computer. With many of our customers, the local computer tends to be a laptop that is dedicated to the electrical staff or reliability staff that is doing the work.
    c. Test data can be shared across the company without the time-consuming work of exporting results or generating hard copy reports.
    d. Multiple sites can sometimes use the same types of motors but from different vendors. A shared database allows each site to view individual motor history from other sites and this important information can lead to finding which motor vendors provide the most trouble-free motors.
    e. With larger manufacturing sites it is not unusual to see the MCA Basic or MCA PRO software installed on multiple computers, such as per shift. This makes database management and data mining for reliability purposes almost impossible.
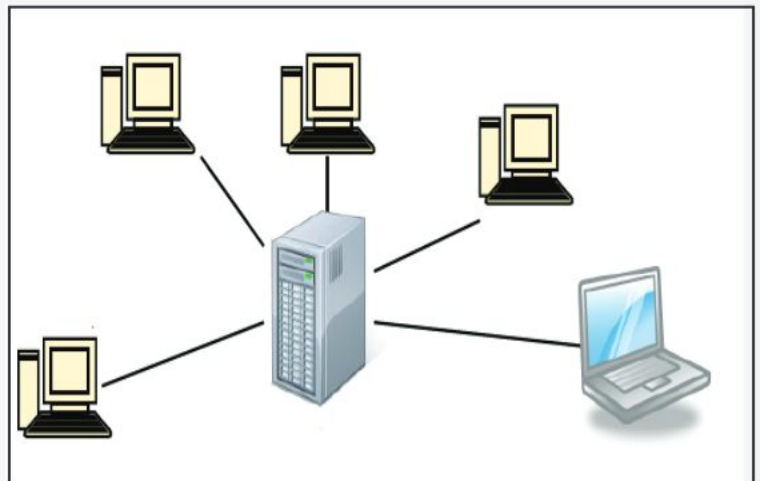   f. Unlike other server-based software products there are NO annual software maintenance fees!

ALL-TEST Pro offers MCA™ Software support through our 3rd party Vendor. Available for both our Single users and our Enterprise users.

ALL-TEST Pro

MCA™ SOFTWARE SUPPORT SERVICES

MCA™ Software Support Services for both Single users and Enterprise users.

Support is provided by ATP 3rd party.

- 1-2 hours for MCA™ desktop help & install

- Ent
  erprise MCA™ set up will be based on physical servers or cloud servers. Time will be quoted once the environment is determined.
  - Cloud based SQL is estimated 5-10 hours.

  - Physical servicer SQL will be quoted after environment is assessed.

Rates

Hourly Rate: $ 385.00 USD
Block Rate per 5 hours: $ 1,732.00 USD

ALL-TEST Pro has a dedicated implementation team that can assess and discover your IT environment in order to identify and relay findings and/or recommendations. If your team requires engagement of our implementation team, an initial consult will be scheduled to discuss high-level expectations.

FAST AND ACCURATE MOTOR TESTING ANYTIME, ANYWHERE. **ALLTESTPRO.COM**